

ECHO Technical Committee Meeting 10.29.2013

Dial-In Information
Telecon Number 877.973.2179
Passcode 770291

Attendance

Name	Organization
Dan Pilone	NASA ECHO
Mary Nair	GHRC
Luther Lighty	ESDIS
Andrew Mitchell	ESDIS
Ed Seiler	GSFC
Mary Jane Saddington	LaRC ASDC
Frank / Lisa Booker	NSIDC
Greg Cates	LaRC
Chris Finch	JPL
Jody Rundell / Matt Martens	LPDAAC

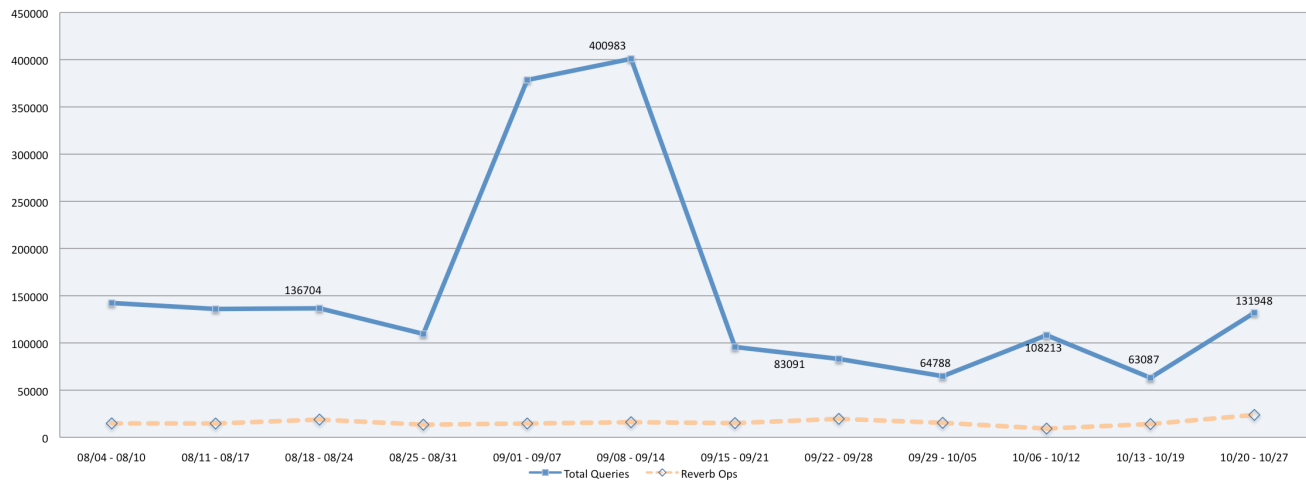
ECHO System Status

System Issues

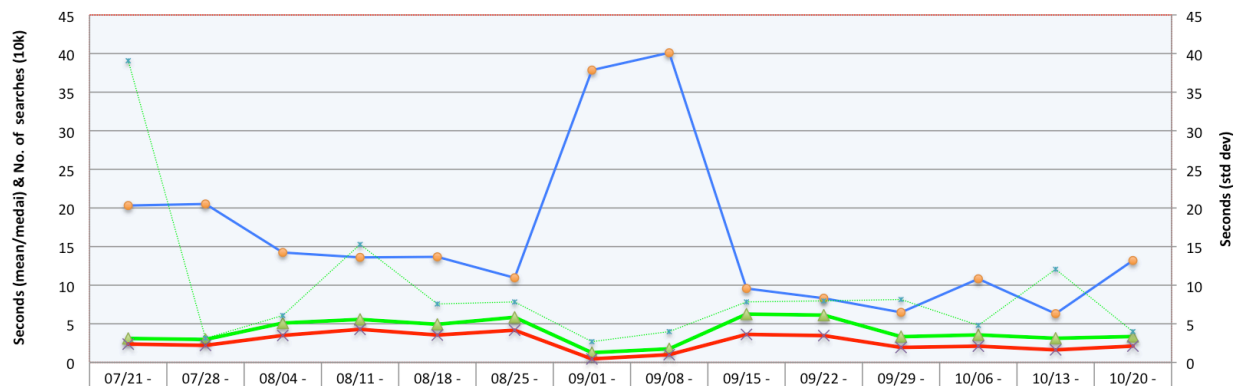
- 10/16: Operations outage due to issues with NSIDC rest ingest transition.
- 10/16: Operations outage due to GSFC-wide connectivity issue
- 10/23: Partner Test outage due to USGS_EROS testing of Landsat-8 ingest causing disk space issues on our database machine. This had a knock-on effect of preventing orders from being fulfilled in partner test. As of 10/28/13 this issue has been resolved.

Recent Metrics

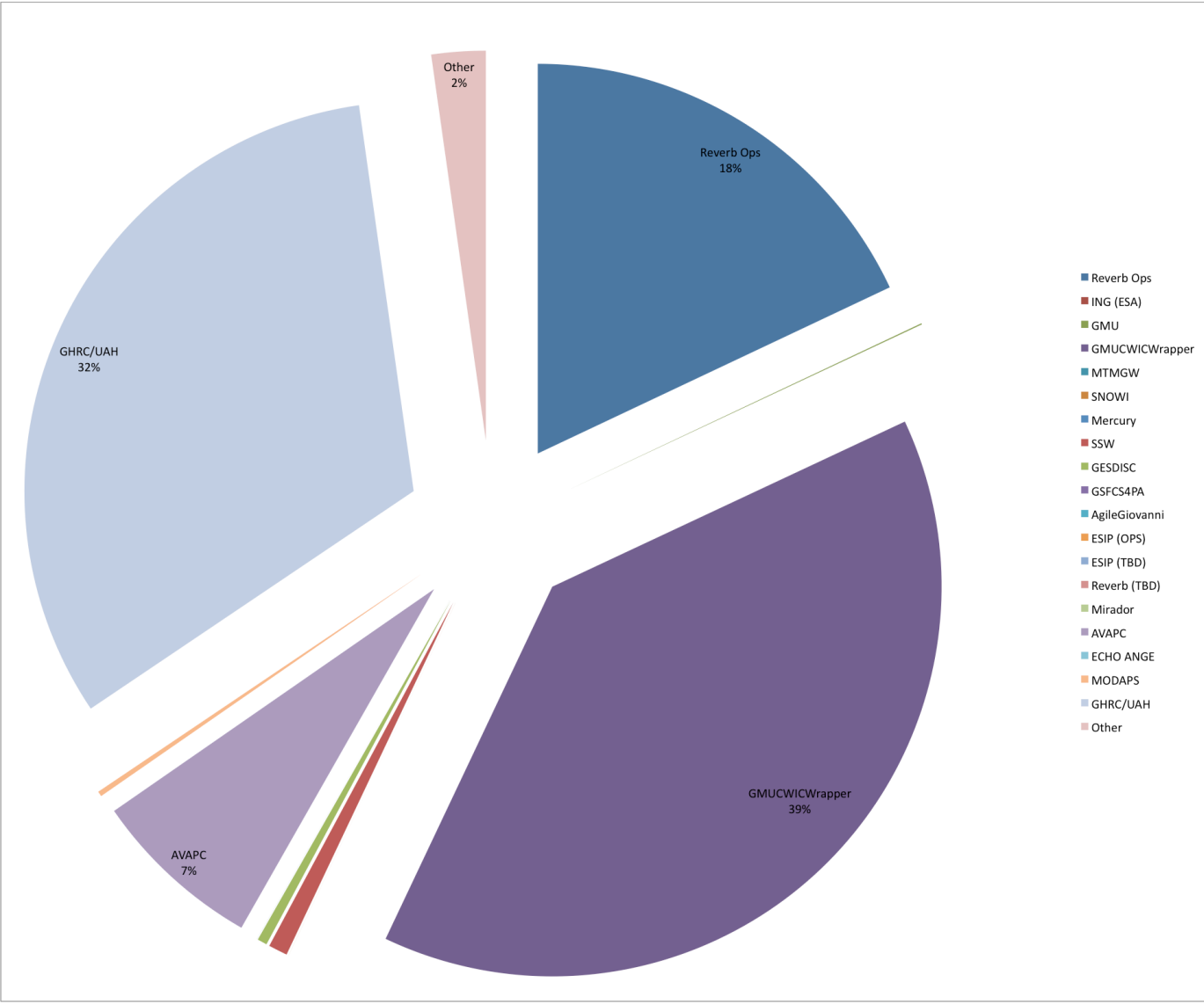
Total Catalog-Rest Queries vs Reverb Queries



Average Query Performance



Avg Exec Time	3.1026	2.9693	5.0961	5.5685	4.9315	5.8443	1.2613	1.7592	6.2544	6.1221	3.3343	3.5624	3.1241	3.3543
Median Exec. Time	2.373	2.206	3.493	4.283	3.543	4.17	0.451	1.004	3.625	3.472	1.939	2.105	1.624	2.115
Totals (*10k)	20.316	20.5196	14.2334	13.5989	13.6704	10.9552	37.8535	40.0983	9.5714	8.3091	6.4788	10.8213	6.3087	13.1948
Exec Time Std. Dev.	39.0764	3.1225	6.0725	15.2809	7.5719	7.8298	2.6865	3.9887	7.8326	7.9674	8.1477	4.7989	12.0651	3.9881



Release Status

In Operations: 10.68

NCR	Summary
11012197	RESAMPLE and INCLUDE_META not being properly extracted from form for esi requests.
11014055	Saving Granule Results for particular Spatial search with AST_L1A granules provides REST_BAD_REQUEST error.
11014129	Include test to ensure Reverb URL continues to work
11014131	Internal server error when retrieving service information in Reverb
11014157	Reverb Dataset Loading Issues (via LaRC)
11014162	NoMethodError: undefined method `provider_id' for nil:NilClass in Reverb
11014164	RuntimeError in the Reverb browse_images#index action
11014168	Add the ability to remove items from your order in the new order workflow
11013970	Update PUMP to allow setting datasets that permit duplicate items in orders

11014177	Go through the issues reported in errbit and create NCRs where necessary
11013833	A user should be able to visually identify NRT data within Reverb (lightning bolt)
11012136	ECHO Reverb (10.42.1): Alter order of operations for clarity in 'list view'
11014185	New Reverb order workflow is extremely slow
11014141	Add Search keyword synonyms for CollectionType NEAR_REAL_TIME
11013421	When logged in, registered users should not see the Contact Information page in Reverb
11013425	Change the Order Options page to show data sets instead of granules.
11014171	8.2 TS1/OPS 8.1 Reverb not displaying map in Media Options for HEW spatial subsetting

In Test 10.69 (Test Bed and Partner Test from 10/30)

NCR	Summary
11014041	GUI for setting an order option needed
11014101	Create REST service interface to accommodate ECHO ordering
11014142	Timeline View: Add contextual help
11014174	Integrate Splunk-log-analyzer with query metrics and extend it to analyze AQL queries.
11014183	Provide access control for 'destructive' elastic search endpoints
11014181	Verify correct functionality of ACL safeguards on inventory
11014193	DataAccess: CLIENT_STRING query parameter should be used to include ECHO status URL in ESI email
11014016	Attempting to sort query results by an invalid field results in an internal server error
11012137	ECHO Reverb (10.42.1): Consider other options for list view data set expansion icon
11014015	Remove the option to sort search results by campaign
11014014	Internal server error when sorting by campaign
11014154	Configure errbit not to log the Echo-Token header
11014197	Automatically stage tar file after tar file prep completes within TeamCity
11011920	ECHO Reverb (10.41.1): Change map menu button for visibility

In Development 10.70

3 week sprint, ending 11/08/2013

NCR	Summary
11013971	Update Reverb to handle provider policies that specify duplicate items in order per dataset
11014182	Minimize exposure of elastic ant delete-index functionality to local development
11014190	standalone-ha.xml is being overwritten when running rake echo:deploy
11014198	Reverb: Handling of browse image error messages should be changed
11014212	Change Catalog REST Elastic Search queries to use Bool filters to improve performance
11014213	Unable to submit orders on Reverb in TS1
11014222	ECHO form visualization formatting may confuse the user
11014217	Attempting to submit order after it failed previously is causing duplicate items to be added to the order

11014230	Paging through expanded items in new order workflow lacks spinner.
11014210	Transition issue for new order workflow
11014206	Add DIF support for collections
11013378	ECHO:Reverb: New AST_L1A order options line should be added as last option
11013400	Reverb: Order Options change request for AST_L1A collection
11014219	Checking for whether all granules are indexed for a dataset should use the correct indexed_at column based on elastic index co??
11014184	Reverb Map View: Move legend off the map
11014200	Query Metrics Controller reporting methods don't account for queries that ended in failure
11014215	New order page needs Javascript validation that the option selection forms are valid prior to submission
11014216	Growl message displaying Reverb page instead of error message on failed order submission
11014221	Editing contact information should be 'cancelable'
11014223	NRT button should open page in new window/tab
11014229	New ordering page: When using the delete selected items, counts are not updated
11014225	Unable to add collections to an ACL after REST only transition

Discussion Topics

- ConOps for NRT collection changes (Matt Cechini). No progress. We will pick this up when Katie returns
- New Order Workflow is scheduled to be released to the Operations environment on 10.70. Working version in Partner Test right now for testing and evaluation.
 - Gates required for deployment to Operations (tentatively 10.70)
 1. Acceptance testing by user services groups in Partner Test (this can be begun now)
 2. NCRs in 10.70

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Upcoming Events

Planned Maintenance 10/30

- 10.69 to Partner Test

Planned Maintenance 11/06

- 10.69 to Operations (without new Order Workflow)

Open Floor